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Sheet 1 of 2

Compl t if Known			
Application Number	09/965,929		
Filing Date	09/28/2001		
First Named Inventor	R.W. Byren		
Group Art Unit	2882		
Examiner Name	Thomas D. Courtney		
Attorney Docket Number	PD00W129		

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		5,042,922		D. Pepper	08-27-1999			
		5,946,130		R. Rice	08-31-1999			
		5,253,033		W.M. Lipchak	10-12-1993			
		5,126,869		T. Dorschner	06-30-1992			
		5,093,747		T. Dorschner	03-03-1992			
		5,093,740		T. Dorschner	03-03-1992			
		5.018.835		T. Dorschner	05-28-1991	BA		
		5,483,342		D. Rockwell	01-09-1996	"CC		
		4,798,462		R. Byren	01-17-1989	2 5/10		
		4,734,911		H. Bruesselboch	03-29-1988	TED TO		
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FOREIGN PATENT DOCUMENTS								
Examiner Cite Initials* No.1	0:4-	F	oreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
		TYSON and ULRICH, "Adaptive Optics", The Infrared and Electro-Optical Handbook, Volume 8,				
		Chapter 2, ERIM, Ann Arbor, MI, pp. 167-172, (1963).				
		GOLNICK, "Directed Energy Systems", The Infrared and Electro-Optical Handbook, Volume 8,				
		Chapter 5, ERIM, Ann Arbor, MI, pp. 405-408, 423-446, (1963).				
		BASOV et al, "Inversion of Wavefront in SMBS of a Depolarized Pump," JTEP Lett. Volume 28,				
		No. 4, pp. 197-201, August 1978				
		BETIN, MATTHEWS, and MANGIR, "Vector Phase Conjugation with Loop Laser Geometry,"				
		CLEO '97 Proceedings, Paper No. CTuL4, pp. 102-103, (1997)				
		E. TREACY, "Optical Pulse Compression with Diffraction Gratings," IEEE J. of Quantum				
		Electronics, Volume QE-5, No. 9, p. 454, September 1969				
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Signature		Considered	

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